

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DEVICE INTEROPERABILITY UTILIZING BIT-MAPPED ON-SCREEN DISPLAY

MENUS

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No. \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable).

☒ was filed as PCT international application

Number PCT/US98/24687

on 20 November 1998

and was amended under PCT Article ~~19~~34

on November 11, 1999 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

| COUNTRY<br>(if PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 USC 119                     |
|-------------------------------------|--------------------|--------------------------------------|--|
|                                     |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|                                     |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|                                     |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|                                     |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120: |                             |                                       |         |           |
|---|-----------------------------|---------------------------------------|---------|-----------|
| U.S. APPLICATIONS   |                             | STATUS (Check one)                    |         |           |
| U.S. APPLICATION NUMBER   | U.S. FILING DATE            | PATENTED                              | PENDING | ABANDONED |
| 60/066,782  | 25 November 1997            |                                       |         |           |
| 60/071,341  | 14 January 1998             |                                       |         |           |
| 60/073,693  | 04 February 1998            |                                       |         |           |
| PCT APPLICATIONS DESIGNATING THE U.S.   |                             |                                       |         |           |
| PCT APPLICATION NO.   | PCT FILING DATE             | U.S. SERIAL NUMBERS ASSIGNED (if any) |         |           |
| PCT/US98/24687  | 20 November 1998 (20.11.98) |                                       |         |           |
|   |                             |                                       |         |           |
|   |                             |                                       |         |           |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Joseph S. Tripoli

- Reg. No. 26,040

Robert D. Shedd

- Reg. No. 36,369

David T. Shoneman

- Reg. No. 39,371

|   |   |
|---|---|
| Send Correspondence to:   | Direct Telephone Calls to:<br>(name and telephone number) |
| Mr. Joseph S. Tripoli - Patent Operations<br>THOMSON multimedia Licensing Inc.<br>PO Box 5312<br>Princeton, New Jersey 08540 US | 1-609-734-9875  |

|     |                         |             |                          |                        |
|-----|-------------------------|-------------|--------------------------|------------------------|
| 201 | FULL NAME OF INVENTOR   | FAMILY NAME | FIRST GIVEN NAME         | SECOND GIVEN NAME      |
|     | RESIDENCE & CITIZENSHIP | CITY        | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|     | POST OFFICE ADDRESS     | CITY        | STATE & ZIP CODE/COUNTRY |                        |
| 202 | FULL NAME OF INVENTOR   | FAMILY NAME | FIRST GIVEN NAME         | SECOND GIVEN NAME      |
|     | RESIDENCE & CITIZENSHIP | CITY        | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|     | POST OFFICE ADDRESS     | CITY        | STATE & ZIP CODE/COUNTRY |                        |
| 203 | FULL NAME OF INVENTOR   | FAMILY NAME | FIRST GIVEN NAME         | SECOND GIVEN NAME      |
|     | RESIDENCE & CITIZENSHIP | CITY        | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|     | POST OFFICE ADDRESS     | CITY        | STATE & ZIP CODE/COUNTRY |                        |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| SIGNATURE OF INVENTOR 201 | SIGNATURE OF INVENTOR 202 | SIGNATURE OF INVENTOR 203 |
| Thomas Anthony Stahl      | Amit Kumar Chatterjee     | Izzat Hekmat Izzat        |

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PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

| U.S. APPLICATIONS                     |                             | STATUS (Check one)                    |         |           |
|---------------------------------------|-----------------------------|---------------------------------------|---------|-----------|
| U.S. APPLICATION NUMBER               | U.S. FILING DATE            | PATENTED                              | PENDING | ABANDONED |
| 0/066,782                             | 25 November 1997            |                                       |         |           |
| 0/071,341                             | 14 January 1998             |                                       |         |           |
| 0/073,693                             | 04 February 1998            |                                       |         |           |
| PCT APPLICATIONS DESIGNATING THE U.S. |                             |                                       |         |           |
| PCT APPLICATION NO.                   | PCT FILING DATE             | U.S. SERIAL NUMBERS ASSIGNED (if any) |         |           |
| CT/US98/24687                         | 20 November 1998 (20.11.98) |                                       |         |           |
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Robert D. Shedd - Reg. No. 36,369  
David T. Shoneman - Reg. No. 39,371

and Correspondence to:

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THOMSON multimedia Licensing Inc.  
PO Box 5312  
Princeton, New Jersey 08540 US

Direct Telephone Calls to:  
(name and telephone number)

1-609-734-9875

|                         |                     |                          |                          |
|-------------------------|---------------------|--------------------------|--------------------------|
| FULL NAME OF INVENTOR   | FAMILY NAME         | FIRST GIVEN NAME         | SECOND GIVEN NAME        |
| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP   |
| POST OFFICE ADDRESS     | POST OFFICE ADDRESS | CITY                     | STATE & ZIP CODE/COUNTRY |
| FULL NAME OF INVENTOR   | FAMILY NAME         | FIRST GIVEN NAME         | SECOND GIVEN NAME        |
| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP   |
| POST OFFICE ADDRESS     | POST OFFICE ADDRESS | CITY                     | STATE & ZIP CODE/COUNTRY |
| FULL NAME OF INVENTOR   | FAMILY NAME         | FIRST GIVEN NAME         | SECOND GIVEN NAME        |
| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP   |
| POST OFFICE ADDRESS     | POST OFFICE ADDRESS | CITY                     | STATE & ZIP CODE/COUNTRY |

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SIGNATURE OF INVENTOR 201

Thomas Anthony Stahl

SIGNATURE OF INVENTOR 202

Amit Kumar Chatterjee

SIGNATURE OF INVENTOR 203

Izzat Hekmat Izzat

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Continued)**

|     |                         |   |  |   |
|-----|-------------------------|---|--|---|
| 204 | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>KURUGAY</b>   | FIRST GIVEN NAME<br><b>SABAN</b>                       | SECOND GIVEN NAME                                     |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>Waukesha</b>   | STATE OR FOREIGN COUNTRY<br><b>Wisconsin</b> <i>WI</i> | COUNTRY OF CITIZENSHIP<br><b>TR</b>                   |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>302 West North Street, Apt. 20 Waukesha</b> |  | STATE & ZIP CODE/COUNTRY<br><b>Wisconsin 53188 US</b> |
| 205 | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>NAGIPAL</b>   | FIRST GIVEN NAME<br><b>SANJEEV</b>                     | SECOND GIVEN NAME                                     |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>Boulder</b>  | STATE OR FOREIGN COUNTRY<br><b>Colorado</b> <i>CO</i>  | COUNTRY OF CITIZENSHIP<br><b>IN</b>                   |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>4930 Meredith Way, Apt. 305 Boulder</b>     |  | STATE & ZIP CODE/COUNTRY<br><b>Colorado 80303 US</b>  |
| 206 | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>TRZYBINSKI</b>                                      | FIRST GIVEN NAME<br><b>Robert</b>                      | SECOND GIVEN NAME<br><b>Eugene</b>                    |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>Indianapolis</b>   | STATE OR FOREIGN COUNTRY<br><b>Indiana</b> <i>IN</i>   | COUNTRY OF CITIZENSHIP<br><b>US</b>                   |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>7741 North Sherman Drive Indianapolis</b>   |  | STATE & ZIP CODE/COUNTRY<br><b>Indiana 46240 US</b>   |

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|   |   |  |
|---|---|--|
| SIGNATURE OF INVENTOR 204<br><b>KURUGAY</b> <i>SK</i> | SIGNATURE OF INVENTOR 205<br><b>Sanjeev Nagipal</b> | SIGNATURE OF INVENTOR 206<br><b>Robert Eugene Trzybinski</b> |
| DATE<br><b>8/29/</b> 2000                             | DATE<br>2000  | DATE<br>2000   |

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Continued)**

|  |                         |  |  |   |
|--|-------------------------|--|--|---|
| 204  | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>KURUGAY</b>  | FIRST GIVEN NAME<br><b>SABAN</b>             | SECOND GIVEN NAME   |
|  | RESIDENCE & CITIZENSHIP | CITY<br><b>Waukesha</b>  | STATE OR FOREIGN COUNTRY<br><b>Wisconsin</b> | COUNTRY OF CITIZENSHIP<br><b>TR</b>   |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>302 West North Street, Apt. 20 Waukesha</b>                    |  | STATE & ZIP CODE/COUNTRY<br><b>Wisconsin 53188 US</b>                         |
| 205  | FULL NAME OF INVENTOR   | FAMILY NAME <i>Sanjeev</i><br><b>NAGPAL NAGPAL</b>                                       | FIRST GIVEN NAME<br><b>SANJEEV</b>           | SECOND GIVEN NAME   |
|  | RESIDENCE & CITIZENSHIP | CITY<br><b>Boulder Longmont</b>  | STATE OR FOREIGN COUNTRY<br><b>Colorado</b>  | COUNTRY OF CITIZENSHIP<br><b>IN</b>   |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>2121 Nelson Road, Apt-F203<br/>4930 Meredith Way, Apt. 305</b> |  | STATE & ZIP CODE/COUNTRY<br><b>Colorado 80503 <i>Sanjeev</i><br/>80303 US</b> |
| 206  | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>TRZBYNSKI</b>  | FIRST GIVEN NAME<br><b>Robert</b>            | SECOND GIVEN NAME<br><b>Eugene</b>  |
|  | RESIDENCE & CITIZENSHIP | CITY<br><b>Indianapolis</b>  | STATE OR FOREIGN COUNTRY<br><b>Indiana</b>   | COUNTRY OF CITIZENSHIP<br><b>US</b>   |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>7741 North Sherman Drive Indianapolis</b>                      |  | STATE & ZIP CODE/COUNTRY<br><b>Indiana 46240 US</b>                           |
| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p> |                         |  |  |   |
| SIGNATURE OF INVENTOR 204  |                         | SIGNATURE OF INVENTOR 205  |  | SIGNATURE OF INVENTOR 206   |
| <i>Saban Kurugay</i>   |                         | <i>Sanjeev Nagpal</i><br><del>Sanjeev Nagpal</del>                                       |  | <i>Robert Eugene Trzybinski</i>   |
| DATE<br><b>2000</b>  |                         | DATE<br><b>August 30 , 2000</b>  |  | DATE<br><b>2000</b>   |

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Continued)

|  |                         |                                |                          |                           |
|--|-------------------------|--------------------------------|--------------------------|---------------------------|
| 204  | FULL NAME OF INVENTOR   | FAMILY NAME                    | FIRST GIVEN NAME         | SECOND GIVEN NAME         |
|  |                         | KURUGAY                        | SABAN                    |                           |
|  | RESIDENCE & CITIZENSHIP | CITY                           | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
|  |                         | Waukesha                       | Wisconsin                | TR                        |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS            | CITY                     | STATE & ZIP CODE/COUNTRY  |
|  |                         | 302 West North Street, Apt. 20 | Waukesha                 | Wisconsin 53188 US        |
| 205  | FULL NAME OF INVENTOR   | FAMILY NAME                    | FIRST GIVEN NAME         | SECOND GIVEN NAME         |
|  |                         | NAGIPAL                        | SANJEEV                  |                           |
|  | RESIDENCE & CITIZENSHIP | CITY                           | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
|  |                         | Boulder                        | Colorado                 | IN                        |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS            | CITY                     | STATE & ZIP CODE/COUNTRY  |
|  |                         | 4930 Meredith Way, Apt. 305    | Boulder                  | Colorado 80303 US         |
| 206  | FULL NAME OF INVENTOR   | FAMILY NAME                    | FIRST GIVEN NAME         | SECOND GIVEN NAME         |
|  |                         | TRZYBINSKI                     | Robert                   | Eugene                    |
|  | RESIDENCE & CITIZENSHIP | CITY                           | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
|  |                         | Indianapolis                   | Indiana                  | US                        |
|  | POST OFFICE ADDRESS     | POST OFFICE ADDRESS            | CITY                     | STATE & ZIP CODE/COUNTRY  |
|  |                         | 7741 North Sherman Drive       | Indianapolis             | Indiana 46240 US          |
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| SIGNATURE OF INVENTOR 204  |                         | SIGNATURE OF INVENTOR 205      |                          | SIGNATURE OF INVENTOR 206 |
| Saban Kurugay  |                         | Sanjeev Nagipal                |                          | Robert Eugene Trzybinski  |
| DATE   |                         | DATE                           |                          | DATE                      |
| 2000   |                         | 2000                           |                          | X 8/25/2000 2000          |